RAVE CULTURE

CLUB DRUGS

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Ketaset
KETAMINE HCl INJ., USP
Equivalent to
100 mg/mL
Ketamine
10 mL

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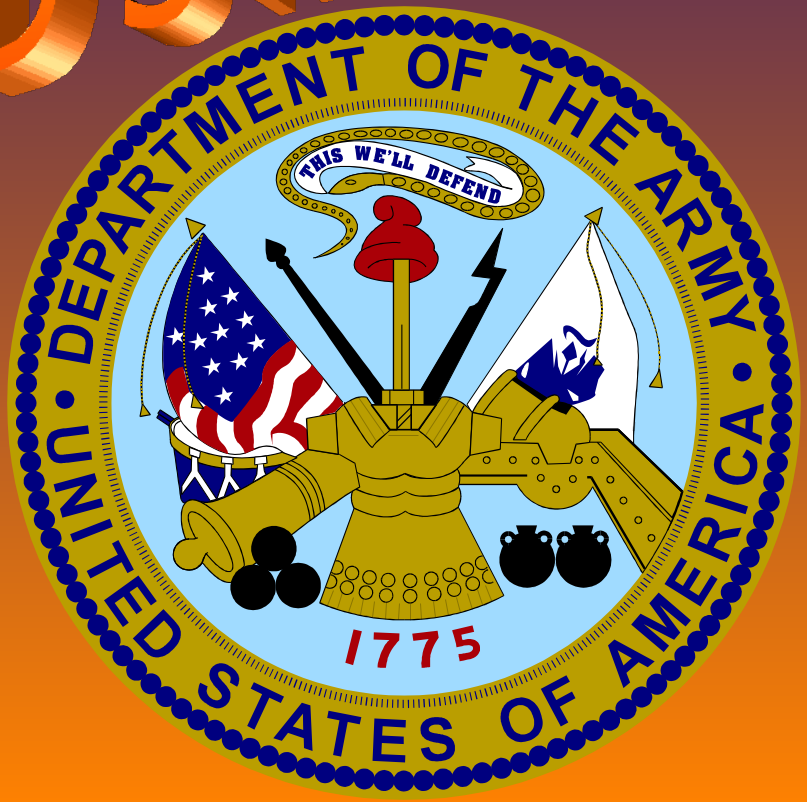
Rohypnol 2 mg
Rohypnol 2 mg
Rohypnol 2 mg
Roche
Roche
Roche

& THE IMPACT ON THE UNITED STATES ARMY



RAVE CULTURE

- **The “Rave” scene began as a subculture in England circa 1980, and has since migrated into mainstream culture throughout the United States.**

Rave Culture in The US

- All-night Dance or Party
- 2 Types of Raves
  - Secretive: warehouses, deserts, woods, etc.
  - Commercialized: typically held in established clubs

Rave Culture In The US

- Extremely loud “Techno” music/dancing
- Lighting and visual stimuli: lasers, video screens, etc…
- 14-25 age group
- Alcohol-free environment
- Escapist culture
- Club drugs: bought, sold, consumed

RAVE PARAPHERNALIA_

- **Light Sticks - These are used to enhance the visual experience while on the drugs (individuals see “trails” of light)**

- **Water Bottles & Fans - Used to prevent dehydration and increased body temperatures associated with raves**

- **Pacifiers - Rave drugs tend to cause the user to grind their teeth, the pacifier prevents this.**

RAVE PARAPHERNALIA_

- **Eye-drop bottles** - These are used to store the liquid form of certain drugs.

- **Dust masks/Vicks Vapo-Rub** - These are combined to enhance the effects of the designer drugs. The Vicks is placed under the nose the the mask is used to keep the rub from dissipating.

RAVE PARAPHERNALIA_

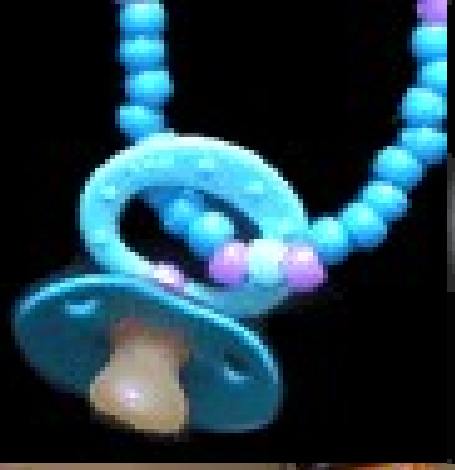
- **Caffeinated Beverages/stimulants** - These help with exhaustion caused by the dancing and stimulant effect of the drugs.

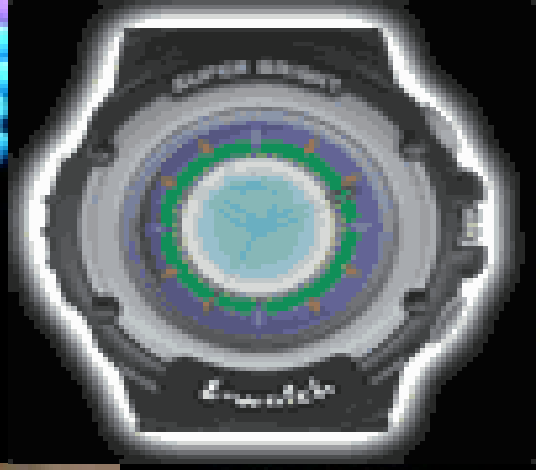
- **Bags of Small Candies and Breath Mints** -- The drugs intended for sale are often stored in these bags.

RAVE PARAPHERNALIA_

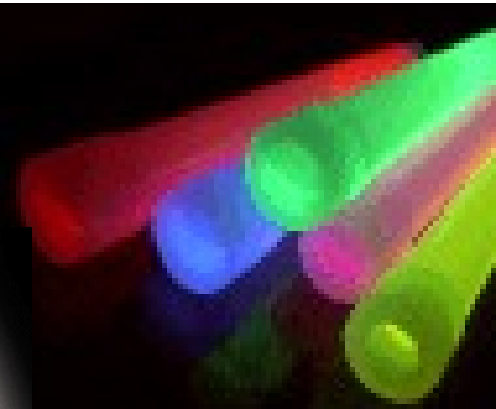
- **The BOMB INHALER - combines eucalyptus, menthol, and other ingredients to awaken your senses and enhance an all natural feeling of easier breathing**

- **Other - Anything with bright flashing lights or erratic movements (belly light, flashing watches, etc)**





Penguin



GLOW
POP

Drugs used at Raves:

- Ecstasy
- LSD
- Ketamine
- GHB
- Rohypnol
- Methamphetamines

(3,4-Methylenedioxymethamphetamine)

- **Street names**: “E”, “X”, XTC, Rolling, Clarity, Essence, Adam, Go, Disco Biscuit, Crystal, Hug Drug, Love Drug, Dennis the Menace, Lover’s Speed

- **Typical Use**: In its purest form Ecstasy is a crystalline powder, but is most often pressed into tablets.
  - Typically taken orally in tablet form
  - May be Snorted, Smoked, or Injected

99 Ecstasy (MDMA) Tablets

Image © 2000 Erowid.org

SIDE EFFECTS REPORTED BY MDMA USERS

- Anorexia
- Altered Sleep
- Fatigue
- Sadness, midweek blues
- Memory Impairment
- Lack of Attention and Concentration

PHYSIOLOGICAL EFFECTS WHILE UNDER THE INFLUENCE OF MDMA

- Dehydration
- Exhaustion
- Hyperthermia (106 –107ºF)
- Seizures
- Increased Heart Rate
- Kidney Failure
- High Blood Pressure
- Heart Failure

SHORT TERM EFFECTS OF MDMA USE

- Depression
- Increased release of some hormones such as prolactin and cortisol
- Anxiety
- Insomnia
- Hostility and Aggression
- Flashbacks
- Memory Impairment

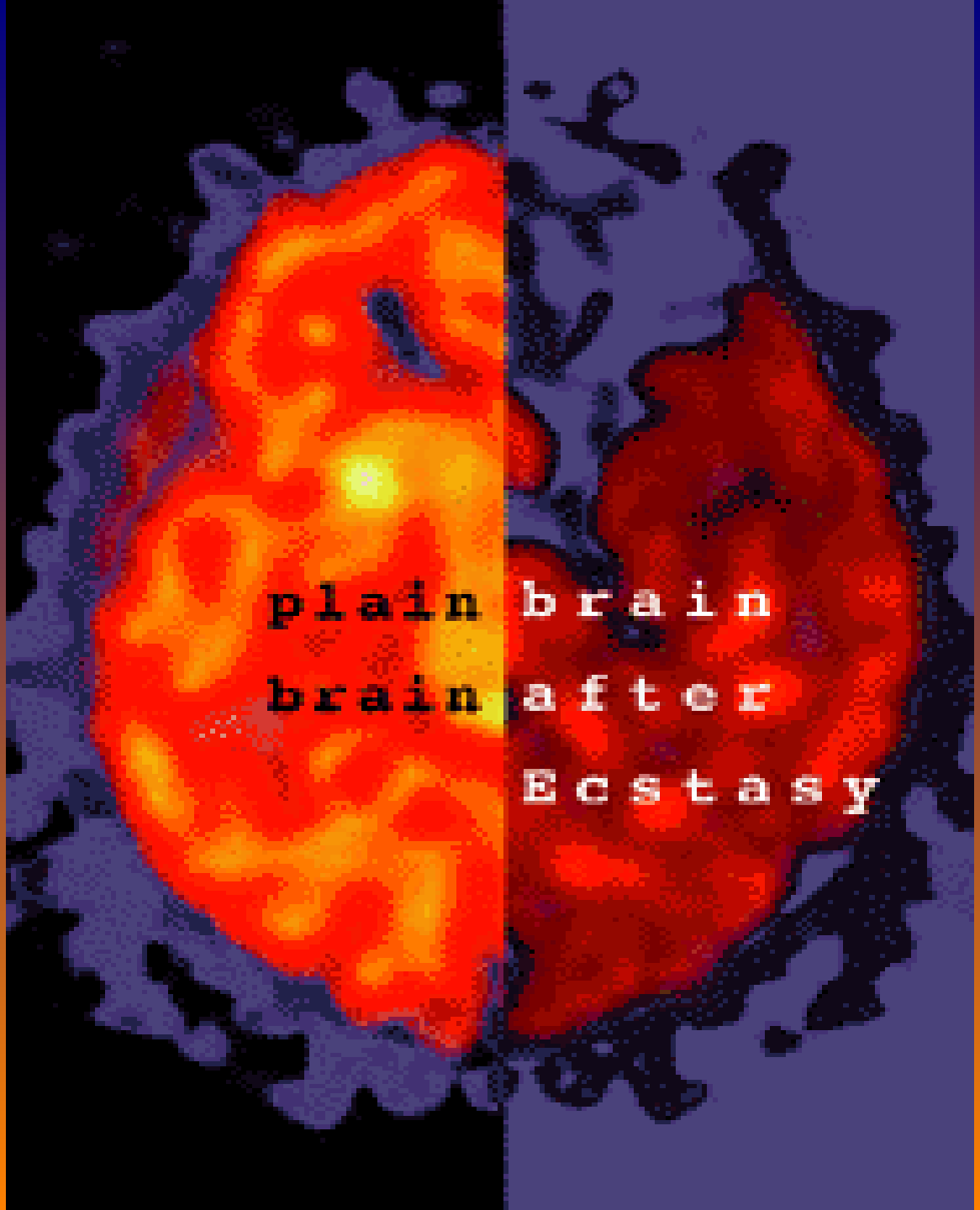
LONG-TERM EFFECTS OF MDMA USE

- Depression, Anxiety, & Altered sleep
- Loss of sex drive
- Impulsivity such as obsessive compulsive disorder
- Impaired working memory and recall performance

Note: Scientific research indicates that psychological problems associated with regular MDMA use are not reversible by prolonged abstinence

BRAIN EFFECTS OF MDMA

- **MDMA**
  - **The neurotransmitter, serotonin, modulates mood, emotion, sleep and appetite**
  - **MDMA causes a mass release of serotonin leading to the euphoric effect of the drug**
  - **MDMA results in the depletion of the body's supply of serotonin, often resulting in irreparable damage to the brain**
  - **The depletion of serotonin and the body's inability to replenish it causes depression**
  - **Depression may last over a year in some people**


plain brain
brain after Ecstasy

LSD (Lysergic Acid Diethylamide)

- **Street names**: sold under more than 80 names; acid, blotter, cid, doses, trips, hits, tabs, dope

- **Typical Use**: LSD is sold on artwork-covered blotter paper cut into tiny stamps, in small tablets called “microdots”, in thin squares of gelatin called “window panes”, or on sugar cubes

Collage of LSD blotter paper.

Physiological Effects of LSD

- Distorted and intensified sensory input
- Powerful hallucinogenic
- Delusions/paranoia
- Strong effect on mood and emotion
- Dilated pupils
- Raised body temp, heartbeat, & blood pressure

Physiological Effects of LSD

- **Short-Term Effects:**
  - **Hallucinations**
  - **Poor perception of time and distance**
  - **Increased heart rate and blood pressure**
  - **Sparse and incoherent speech**
  - **Nausea**
  - **Numbness**
  - **Sleeplessness and tremors**
  - **Impaired judgment**
  - **Delusions**
  - **Pupil dilation**

Physiological Effects of LSD

- **Long-Term Effects:**
  - **Flashbacks**
  - **Intense “trip”episodes**
  - **Psychosis**
  - **Psychological dependence**
  - **Convulsions**
  - **Heart and lung failure**
  - **Violent behavior**
  - **Paranoia and confusion**
  - **Catatonic syndrome**

(Ketamine Hydrochloride)

- **Street names**: Special K, K, kit kat, cat valium, jet, super acid, honey oil, green, Vitamin K, Lady K, Keller, Super K, New Ecstasy

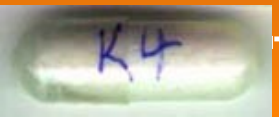
- **Typical Use**: Ketamine is a strong anesthetic used by veterinarians. Ketamine is found in a white powder or liquid in small pharmaceutical bottles and is dissolved or added to a liquid.

"DESIRED" Effects of Ketamine

- Abusers want to enter a **K-Hole**
  - dreamy feeling; floating outside body
  - trance-like state
  - sometimes described as a Near Death Experience (NDE)

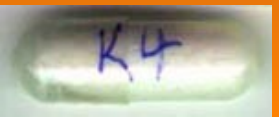
Physiological Effects of Ketamine

- Powerful anesthetic
- Overtly hallucinatory
- Muscle relaxation to complete muscle loss
- Mild sedative to loss of conscience
- Hypnotic
- Partial amnesia
- Detached, distant, and estranged from surroundings
- Described as similar to unkenness only stronger



Physiological Effects of Ketamine

- **Short-Term Effects:**
  - **Delirium**
  - **amnesia**
  - **impaired motor function**
  - **high blood pressure**
  - **depression**
- **Long-term Effects:**
  - **Depressed consciousness and breathing**
  - **Psychological dependence**
  - **Effects similar to PCP and LSD**



(Gamma-Hydroxybutyrate)

- **Street names**: liquid X, liquid E, G, Georgia home boy, goop, gamma-oh, grievous bodily harm

- **Typical Use**: GHB is usually found in liquid, which users sip from bottle caps. It may also be mixed with sweet or strong flavored drinks to cover the salt water taste.

Effects of GHB

- Powerful sedative
- Produces euphoric and psychedelic hallucinatory states
- Stimulates muscle growth
- Adverse effects: drowsiness, nausea, vomiting, dizziness, severe respiratory depression, unconsciousness, seizures, coma, death
- Induces a reduced level of consciousness
- Memory loss

EFFECTS OF GHB

- Short-Term Effects: :
  - **Within 15 minutes, unconsciousness occurs**
  - **Within 30 minutes, coma.**
  - **User experiences drowsiness, dizziness, nausea, hallucinations, hypnotic effects, amnesia, reduced blood pressure.**
- **Long-term Effects:**
  - **Petit mal epilepsy**
  - **Convulsions**
  - **death**

ROHYPNOL (Flunitrazepam)

Rohypnol tablets are white and are single- or cross-scored on one side with "ROCHE" and "1" or "2" encircled on the other.
(Graphics courtesy of the U.S. Dept. of Justice)

- **Street names**: Roofies, R-2, Mexican valium, rophies, rope, roaches, forget me drug, circles

- **Typical Use**: Rohypnol is a surgical anesthetic used by Doctors in other countries of the world. Rohypnol is found as a white round pill labeled “Roche” with a circled 1 or 2. The pills are either dissolved directly into a drink of ground up and then dissolved. Rohypnol has a bitter taste.

Effects of Rohypnol

Rohypnol tablets are white and are single- or cross-scored on one side with "ROCHE" and "1" or "2" encircled on the other.
(Graphics courtesy of the U.S. Dept. of Justice)

- Powerful anesthetic
- Sedation to loss of consciousness
- Muscle relaxation to complete loss of muscle control
- Reduction in anxiety
- Prevention of convulsions
- Partial amnesia

Psychological Effects of Rohypnol

Rohypnol tablets are white and are single- or cross-scored on one side with "ROCHE" and "1" or "2" encircled on the other.
(Graphics courtesy of the U.S. Dept. of Justice)

- **Adverse effects: drowsiness, dizziness, loss of motor control, lack of coordination, slurred speech, confusion, respiratory depression**
- **Impairs cognitive and psychomotor functions**
- **Alcohol and Rohypnol potentiate each other's toxicity**

Effects of Rohypnol

Rohypnol tablets are white and are single- or cross-scored on one side with "ROCHE" and "1" or "2" encircled on the other.
(Graphics courtesy of the U.S. Dept. of Justice)

- **Short-Term Effects:**
  - **Disinhibition Will Occur Within 10 Minutes of Ingestion**
  - **Sedation Occurs Within 20-30 Minutes of Ingestion**
  - **Approximately 10 Times the Potency of Valium**
  - **Impaired Judgment**
  - **Amnesia**
  - **Blackouts**
  - **Dizziness**
  - **Disorientation**
  - **Nausea**
  - **Difficulty with Motor Movements and Speech**
  - **Sense of Fearlessness and Aggressiveness**

METHAMPHETAMINES

- **Street names** **:speed, Crank, Ice, Meth, Chalk,**

Crystal, Glass

- **Typical Use** **: Snorting, Oral, Injected, Smoked**
- **Brain Effect**:Powerfully addictive stimulant that affects the Central Nervous System by blocking the reuptake of neurotransmitters resulting in continual rapid refiring/restimulation of the neuron.

METHAMPHETAMINE LAB

Effects of Methamphetamines

- **Short-Term Effects:**
  - **Increased attention**
  - **Decreased fatigue**
  - **Increased activity**
  - **Euphoria and rush,**
  - **Increased respiration**
  - **hyperthermia**

Effects of Methamphetamines

- **Long-term Effects:**
  - Psychological dependence
  - Paranoia
  - Hallucinations
  - Mood disturbances
  - Repetitive motor activity
  - Weight loss
  - Stroke

Drug Testing within the Army

- Tested on ALL specimens –
  - THC, Cocaine, Amphetamines
- Rotational -
  - Opiates, Barbiturates, LSD, PCP
- Other Tests Performed
  - MDMA (Ecstasy), MDEA, MDA on all positive Amphetamines
  - Morphine, Codeine, and Heroin on all positive Opiates

Drug Testing within the Army

- Rohypnol, Ketamine and GHB may be tested for through the Armed Forces Institute of Pathology (AFIP) in Rockville, MD.
  - Requires Probable Cause
  - Prior coordination with AFIP through the local ASAP

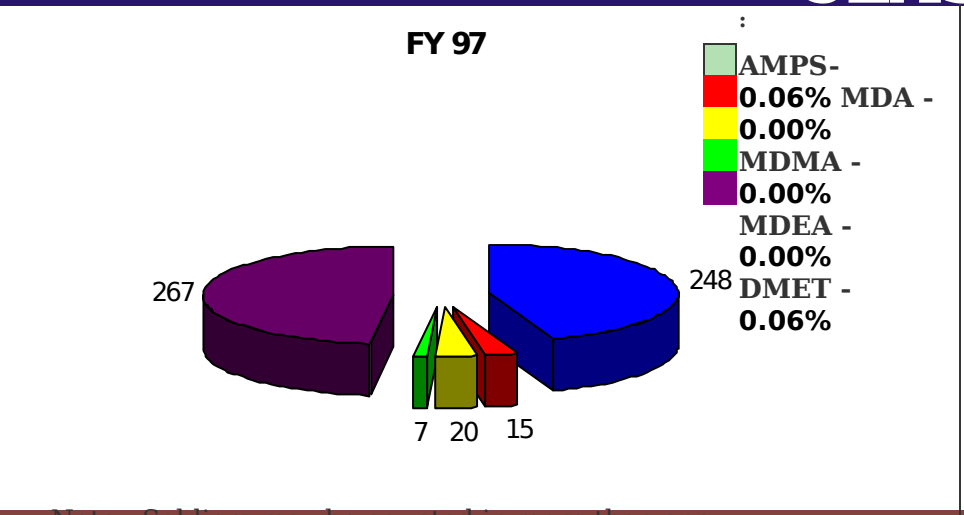
Young Soldiers and The Rave Scene: A Dangerous Combination

- Lonely 18 year old kids away from home
- Underage access to Rave clubs/parties due to lack of alcohol
- Attraction to the “club drugs”
- Steady incomes and the open sale of drugs
- Knowledge of the detection deficiencies for club drugs
- Belief that club drugs are not dangerous

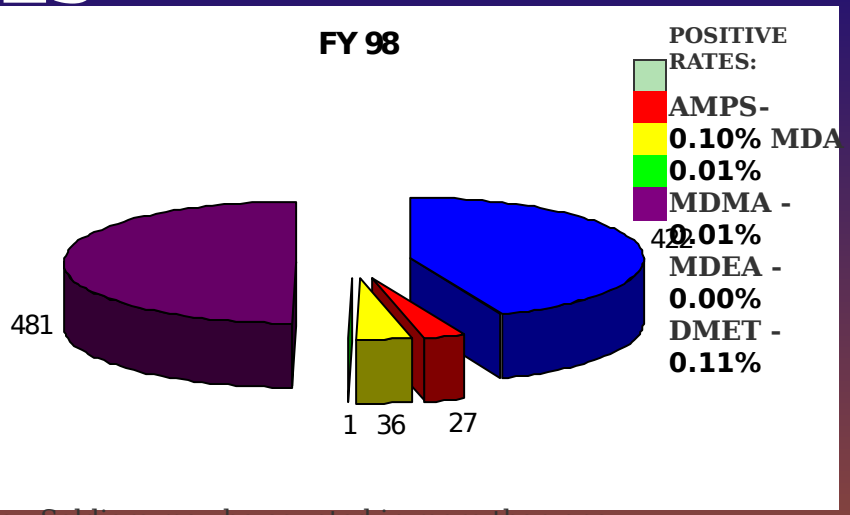
Soldiers Testing Positive for MDMA

- From FY 1998 to FY 2000 there was more than a threefold increase each year in the number of soldiers who tested positive for ecstasy (MDMA) within the United States Army.
- The Army has already exceeded the number of ecstasy positive in FY 2000.

SOLDIERS POSITIVE BY AMPHETAMINE SUB-CLASSES



Note: Soldiers may be counted in more than one drug class



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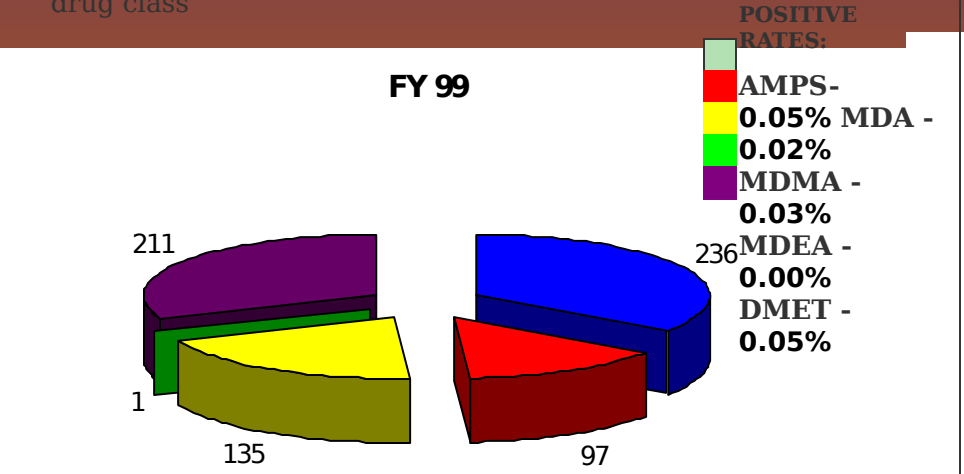

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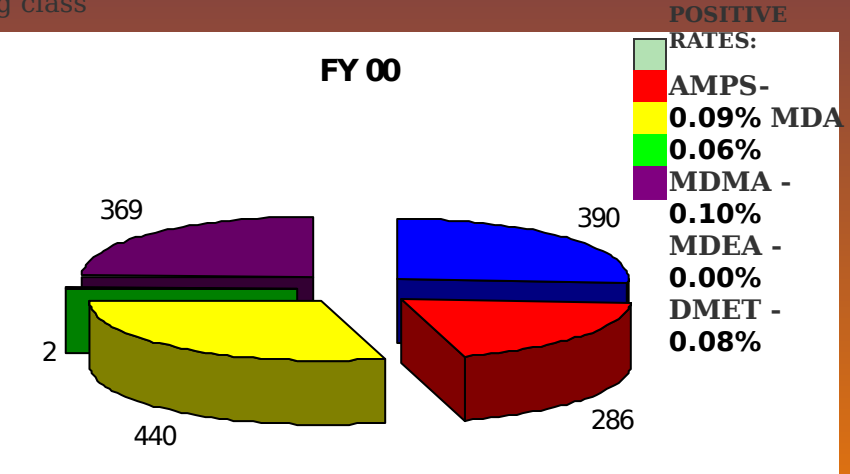

Note: Soldiers may be counted in more than one drug class

- **The Army tests for Rave drugs and are catching soldiers almost everyday.**
- **Commanders are doing a better job of testing without prior notice to soldiers**
- **CID agents and local law enforcement are watching**
- **Sooner or later club drug users will be caught**

SO

Don’t harm your body

Don’t Ruin your Career

Don’t Ruin your Life

For one night of fun

that you may not remember

or

SURVIVE!

WHICH OF THE FOLLOWING IS THE DATE RAPE DRUG?

- A. Heroin?
- B. MDMA?
- C. Rohypnol?
- D. Marijuana?

Answer: C

Which of the following is considered a Club Drug?

- A. Ocycontin?
- B. Rohypinol?
- C. Cocaine?
- D. Heroin?

Answer: B

WHAT IS A RAVE?

- A. A sedative that makes you feel good?
- B. An alcoholic beverage mixed with juice or soda?
- C. An all night dance party characterized by techno music, laser lights & club drugs?
- D. A game typically played by children?

Answer: C

ECSTASY is also know as…

- A. MDMA
- B. Methylenedioxymethamphetamine
- C. Jolly Rancher
- D. A and B
- E. B and C

Answer: D

PHYSIOLOGICAL EFFECTS OF MDMA INCLUDE:

- A. Dehydration?
- B. Seizures?
- C. Hyperthermia?
- D. Heart Failure?
- E. All of the above?

Answer: E

GHB IS ALSO KNOWN AS:

- A. Pot?
- B. MDMA?
- C. Special K?
- D. Georgia Home Boy?

Answer: D

Which of these are RAVE PARAPHERNALIA?
(choose more than one)

- A. Eye drop bottles
- B. Teddy bears
- C. Pacifiers
- D. Dust masks
- E. Letter openers

Answers: A, C, and D

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